

Practitioner's Docket No. VBSTC12a (LAR-16012-1-CU)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Glenn A. Woodell et al.

Application No.: 09/888,701

Group No.: 2625

Filed: June 25, 2001

Examiner: S. Chawan

For: Method of Improving a Digital Image as a Function of its Dynamic Range

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

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JUN 23 2004

COMPLETION OF FILING REQUIREMENTS  
NONPROVISIONAL APPLICATION

Technology Center 2600

DECLARATION OR OATH

1. In reviewing the instant application, it has come to the Applicants' attention that the originally-filed declarations filed by the application's joint owners (i.e., Science and Technology Corporation ("STC"), and the United States of America as represented by the Administrator of the National Aeronautics and Space Administration) require correction. The Applicants submit herewith a corrected declaration. Applicants also respectfully request (i) that the Examiner note that both of the new declarations list "Zia-ur Rahman" as the first named inventor, and (ii) that the Examiner change the "FIRST NAMED INVENTOR" accordingly.

FEE

2. Late filing of original declaration or oath (37 C.F.R. § 1.16(e))

Total Fees

\$130.00

Total Fee Due

\$130.00

PAYMENT OF FEES

VI. Authorization is hereby made to charge the amount of \$130.00 to Deposit Account No. 14-0116.

A duplicate of this paper is attached.

June 8, 2004

Date

Barry V. Gibbens

Barry V. Gibbens

NASA Langley Research Center

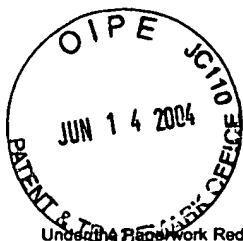
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PTO/SB/01 (08-03)  
Approved for use through 07/31/2006. OMB 0651-0032  
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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration  
Submitted  
With Initial  
Filing

OR

☒ Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number	VBSTC12a
First Named Inventor	Zia-ur Rahman
COMPLETE IF KNOWN	
Application Number	09/888,701
Filing Date	June 25, 2001
Art Unit	2625
Examiner Name	S. Chawan

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD OF IMPROVING A DIGITAL IMAGE AS A FUNCTION OF ITS  
DYNAMIC RANGE

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 06/25/2001 as United States Application Number or PCT International

Application Number 09/888,701 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

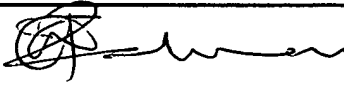
[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

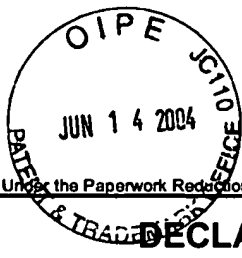
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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: <u>000041041</u> OR <input type="checkbox"/> Correspondence address below			
Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) <u>Zia-ur</u>		Family Name or Surname <u>Rahman</u>	
Inventor's Signature 		Date <u>09 JUN 2004</u>	
Residence: City <u>Williamsburg</u>	State <u>Virginia</u>	Country <u>U.S.A.</u>	Citizenship <u>U.S.</u>
Mailing Address <u>4840 Bristol Circle</u>			
City <u>Williamsburg</u>	State <u>Virginia</u>	ZIP <u>23185</u>	Country <u>U.S.A.</u>
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) <u>Glenn A.</u>		Family Name or Surname <u>Woodell</u>	
Inventor's Signature		Date	
Residence: City <u>Newport News</u>	State <u>Virginia</u>	Country <u>U.S.A.</u>	Citizenship <u>U.S.</u>
Mailing Address <u>637 Village Green Parkway</u>			
City <u>Newport News</u>	State <u>Virginia</u>	ZIP <u>23602</u>	Country <u>U.S.A.</u>
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <u>1</u> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

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PTO/SB/02A (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet	Page <u>1</u> of <u>1</u>
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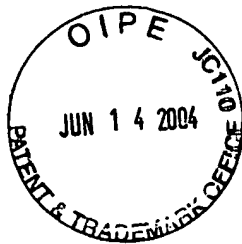
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Daniel J.		Jobson	
Inventor's Signature		Date	
Residence: City	Newport News	State	VA
		Country	U.S.A.
Citizenship U.S.			
Mailing Address 42 Elm Avenue			
Mailing Address			
City	Newport News	State	VA
		Zip	23601
		Country	U.S.A.
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
		Country	
Citizenship			
Mailing Address			
Mailing Address			
City		State	
		Zip	
		Country	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
		Country	
Citizenship			
Mailing Address			
Mailing Address			
City		State	
		Zip	
		Country	

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



National  
Aeronautics and  
Space  
Administration



Patent Application

VBSTC12a  
(NASA Case No.)

## Declaration, Power of Attorney and Petition - Original Application

As a below named inventor, I hereby declare that: My residence, mailing address and citizenship, are stated below next to my name, I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled  
Method Of Improving A Digital Image As A Function Of Its Dynamic Range

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**JUN 23 2004**

the specification of which ☐ is attached hereto, ☒ was filed on (Date) 06/25/2001

as Application Serial No. 09/888,701 and was amended (Date) \_\_\_\_\_

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I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information which is known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

\_\_\_\_\_, \_\_\_\_\_, the status of which is ☐ patented, ☐ pending, ☐ abandoned.  
(Serial No.) (Filing Date)

I hereby claim priority benefits under Title 35, United States Code §119(e) of any United States Provisional Applications listed below:

\_\_\_\_\_, \_\_\_\_\_, the status of which is pending.  
(Provisional Serial No.) (Filing Date)

**POWER OF ATTORNEY:** I hereby appoint the following attorney(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

- ☒ Registered practitioner(s) at Customer Number 23351, OR  
☐ Registered practitioner(s) listed below:

_____ (Name)	_____ (Reg. No.)	_____ (Name)	_____ (Reg. No.)
_____ (Name)	_____ (Reg. No.)	_____ (Name)	_____ (Reg. No.)
_____ (Name)	_____ (Reg. No.)	_____ (Name)	_____ (Reg. No.)

**ADDRESS ALL CORRESPONDENCE TO:**

- ☐ Customer Number \_\_\_\_\_, OR  
☒ Correspondence Address listed below:

Name: Peter J. Van Bergen  
Address: 402 West Duke of Gloucester Street  
Williamsburg, VA 23185

**DIRECT TELEPHONE CALLS TO:**

Telephone (Complete number to be dialed from USPTO):  
(757) 220-2649 Phone  
(757) 220-2751 Fax

Further, as a named inventor, I certify that the Government of the United States of America, as represented by the Administrator of the National Aeronautics and Space Administration has ☒ an assignment in, or ☐ license to the invention set forth in this application and has the irrevocable right to prosecute this application and to receive the patent.

Wherefore, I pray that Letters Patent be granted to me for this invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification, claims, power of attorney and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR	LAST Rahman	FIRST Zia-ur	MIDDLE OR INITIAL
RESIDENCE AND CITIZENSHIP	CITY Williamsburg	STATE OR FOREIGN COUNTRY VA	COUNTRY OF CITIZENSHIP USA
MAILING ADDRESS	STREET NO. AND NAME 4840 Bristol Circle	CITY AND STATE (OR COUNTRY) Williamsburg, VA	ZIP CODE 23185
SIGNATURE			DATE JUN 23 2004

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FULL NAME OF INVENTOR	LAST Jobson	FIRST Daniel	MIDDLE OR INITIAL J.
RESIDENCE AND CITIZENSHIP	CITY Newport News	STATE OR FOREIGN COUNTRY VA	COUNTRY OF CITIZENSHIP USA
MAILING ADDRESS	STREET NO. AND NAME 42 Elm Avenue	CITY AND STATE (OR COUNTRY) Newport News, VA	ZIP CODE 23601
SIGNATURE <i>Daniel J. Jobson</i>			DATE 6/4/04

FULL NAME OF INVENTOR	LAST Woodell	FIRST Glenn	MIDDLE OR INITIAL A.
RESIDENCE AND CITIZENSHIP	CITY Newport News	STATE OR FOREIGN COUNTRY VA	COUNTRY OF CITIZENSHIP USA
MAILING ADDRESS	STREET NO. AND NAME 637 Village Green Parkway	CITY AND STATE (OR COUNTRY) Newport News, VA	ZIP CODE 23602
SIGNATURE <i>G. Woodell</i>			DATE 6-4-04

FULL NAME OF INVENTOR	LAST	FIRST	MIDDLE OR INITIAL
RESIDENCE AND CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
MAILING ADDRESS	STREET NO. AND NAME	CITY AND STATE (OR COUNTRY)	ZIP CODE
SIGNATURE			DATE